

# Shabbir Abedi

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## EDUCATION

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### York University

Sep. 2021 – May 2025

*Bachelor of Science in Honors Computer Science (3.5 GPA)*

- **Best Entrance Award Recipient** (*Award value of \$1000*)
- This award is given to those who have demonstrated an entrepreneurial track record, shown leadership in creating a new initiative, and provided evidence of their entrepreneurial initiatives and interests

## EXPERIENCE

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### Software Engineer Intern | *Python, Azure, Terraform, JavaScript, SQL*

May 2024 – August 2024

#### *Manulife*

*Waterloo, ON*

- Delivered a fast, automated system for credit card redaction, reducing the risk of exposure and preventing security audit issues by eliminating manual intervention
- Developed and deployed Python-based, serverless Azure Functions to automate text recognition and redaction of credit card information using Azure OCR and PII processing for secure document handling
- Collaborated with the DevOps team to deploy Azure Function Apps, Storage Accounts, and Key Vaults, ensuring secure and efficient handling of sensitive data
- Managed infrastructure with Terraform, ensuring efficient infrastructure deployment
- Wrote unit tests with PyTest to ensure proper encryption and secure handling of files in the system
- Enhanced Salesforce features using Apex, JavaScript, and Lightning Web Components to optimize business functionality

### Events Director

Sep. 2022 – Present

#### *Thaqalayn Muslim Association at York University*

*North York, ON*

- Organized and executed various events for the club, focusing on enhancing community engagement and fostering a welcoming environment
- Collaborated with other members to ensure smooth event logistics and effective communication
- Utilized teamwork and communication skills to coordinate with a diverse group of volunteers

## PROJECTS

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### Financial Planner Website | *MongoDB, Express.js, React.js, Node.js, JavaScript, HTML5, CSS3*

- Developed a full-stack web application for managing personal finances, allowing users to track and visualize their financial data
- Implemented CRUD operations with Axios for managing user data, granting seamless interaction with the database
- Built a responsive user interface using React.js, ensuring an intuitive user experience
- Employed Node.js and Express.js for backend development, handling API requests and database interactions
- Designed the application architecture and deployed it on a live server

### Customer Database API | *Java, Spring Boot, PostgreSQL, Postman*

- Developed an API using a RESTful multi-layer architecture with a controller, service, and repository layer
- Implemented CRUD functionality using GET, POST, PUT, DELETE methods
- Utilized Postman to test endpoints and verify correct functionality
- Designed and implemented error handling for invalid user input
- Stored and retrieved customer data in PostgreSQL database

## TECHNICAL SKILLS

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**Languages:** JavaScript, HTML5, CSS3, SCSS/SASS, Python, Java, C, SQL

**Tools and Frameworks:** MongoDB, Express.js, React.js, Node.js, Git, Spring Boot, PostgreSQL, Postman, JUnit 5